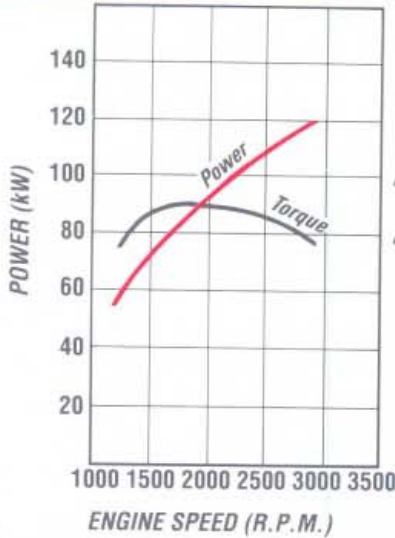


500

FSR 500 LONG

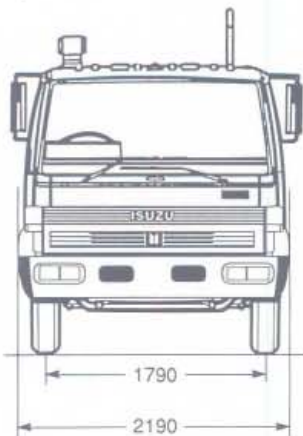
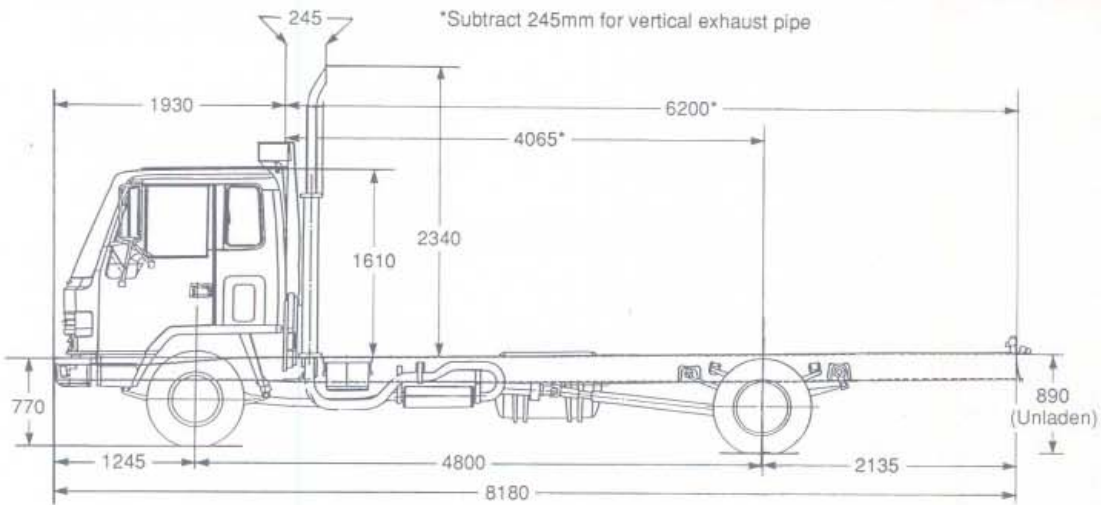
**GVM 9,300 kg
GCM 15,000 kg
WHEELBASE 4,800 mm**

ISUZU 6BG1 ENGINE PERFORMANCE

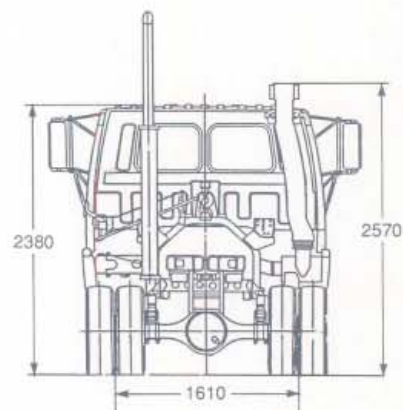


- Type: 6 Cylinder OHV Diesel, four stroke, direct injection
- Bore x Stroke (mm) 105 x 125
- Displacement 6494 (cc)
- Compression ratio (:1) 17.0
- Output-Power (kW) 120 @ 2900 rpm (DIN Nett)
- Torque (Nm) 431 @ 1800 rpm (DIN Nett)

DIMENSIONS



*ESTIMATED KERB MASS (kg)	
FRONT	2025
REAR	1135
TOTAL	3160
FRAME WIDTH (mm)	800
TURNING CIRCLE (m)	
kerb to kerb	15.7
BODY LENGTH (mm)	6100
Subject to weight distribution	



* Chassis and cab with oil, water and fuel tank containing 10 litres of fuel.

ISUZU-GENERAL MOTORS AUSTRALIA LTD. A.C.N. 006 962 572

12/50 WARRANTY. Every Isuzu truck is covered by the I-GM New Vehicle Warranty which covers your vehicle for the first 12 months or 50,000 kilometres.

PLEASE NOTE: As the policy of Isuzu-General Motors Australia Ltd. is one of continual product improvement, all specifications and equipment are subject to change without notice. Bodies illustrated are not standard. No I-GM Dealer or other person is authorised or permitted to give or make any statement, assertion or undertaking in relation to the quality performance characteristics descriptions or fitness for any purpose of any I-GM product or in connection with the supply of any I-GM product which is in variance with any written statement assertion or undertaking on any of these subjects given or made by Isuzu-General Motors Australia Ltd. in its published sales literature, and the company accepts no liability for any such unauthorised action. Isuzu-General Motors Australia Ltd. have franchised dealers in many parts of Australia for the sale of service parts and the provision of service to owners of I-GM products. Every endeavour is made to ensure that such dealers carry adequate stocks of service parts, and are equipped to provide satisfactory service, but makes no promise, other than that contained in the New Vehicle Warranty given by Isuzu-General Motors Australia Ltd. that such parts or service facilities will be available, or available at any specific location or any particular time.

CT2916-10/91

ISUZU





500

FSR 500 LONG

ORDERING CODE
8EH02-321

ENGINE - ISUZU 6BG1

Lubrication:

- Pressure feed lubrication with full flow paper element filter, oil cooler. Oil capacity 12.5 litres including filter.

Cooling System:

- Six blade plastic cooling fan with thermatic clutch, size 475 mm diameter.
- Tube and corrugated fin pressure type radiator. Size(mm) 622h x 559w x 53t. Frontal area 0.348 m² with bell mouth fan shroud.

FUEL SYSTEM

- Two stage paper element air cleaner, Donaldson 11" with high vertical air intake stack and rain head.
- In line plunger, Bosch 'A' type fuel injection pump with mechanical all speed governor.
- In line paper filter. See through water separator with drain cock.
- Fuel tank capacity 200 litres.
- Horizontal exhaust muffler with vertical stack.

CLUTCH

- Hydraulic control. Dry single plate with coil type cushioning springs, 325 mm (13") diameter. Lining area 966 cm², (both sides)

TRANSMISSION ISUZU MBG6P

- Six speed overdrive, constant mesh, synchromesh on gears 2-6. Oil capacity 6.1 litres

Gear Ratios:1

1st	6.378
2nd	3.627
3rd	2.239
4th	1.452
5th	1.000
6th	0.787
Reverse	5.835

- Maximum geared speed 119 km/h
- Two piece propeller shaft, 90 mm diameter.

Length:

1st section	1,438mm
2nd section	1,324mm

REAR AXLE - CAPACITY 7,700kg

- Banjo type, fully floating, single reduction.
Ratio: 4.750:1
Hypoid type ring gear: 343 mm diameter
Oil capacity: 5.5 litres

REAR SUSPENSION - CAPACITY 11,020kg

- Semi-elliptical, alloy steel, tapered multi-leaf springs. Fully wrapped eye with greasable shackles.
- Size - length x width x thickness:
Main: 1300 x 70 x 11 mm - 8 leaves
Auxiliary: 850 x 70 x 10 mm - 7 leaves

FRONT AXLE - CAPACITY 3,400kg

- Reverse Elliot I-beam type. King pin diameter 35 mm with cylindrical roller thrust bearing.

FRONT SUSPENSION - CAPACITY 5,100kg

- Semi elliptical, alloy steel, tapered, multi-leaf springs. Fully wrapped eye with greasable shackles.
- Size - length x width x thickness:
1200 x 70 x 10 mm - 8 leaves
- Hydraulic, Double acting, telescopic shock absorbers.

STEERING

- Fully integral, power assisted, recirculating ball type. Gear ratio 22.4:1. Turns lock to lock 4.3
- Gear driven vane type oil pump, oil capacity 2.0 litres.

BRAKES

- Air over hydraulic, dual circuit, front two leading, rear dual two leading.
- Drum diameter 320 mm, front and rear. Total lining area 3082 cm².
- Spring parking brake acting on rear wheels.
- Butterfly, air controlled, exhaust brake system, activation switch on wiper/washer control stalk.

CHASSIS FRAME

- Parallel rail, ladder type, channel section, cold riveted.
- Side member dimensions - 225 x 70 x 6 mm
- Frame reinforcement angle section 189 x 4.5 at cab back.
- High tensile steel, HT55 weldable frame material.

WHEELS AND TYRES

- 6.00 GS x 16 - 6 stud disc wheels front & rear.
- 8.25R - 16LT - 14 ply Yokohama Y785 tubed radial tyres front and rear. Number of tyres 7, including spare.
- Winch type spare wheel carrier.

ELECTRICAL SYSTEM

- Batteries 2 x 12 volt - 53 Amp/h, negative earth.
- Alternator 24 volt - 40 Amp.
- Starter motor 24 volt - 4.5 kW output.
- Rear stop and tail lamps and licence plate lamp with long leads for variable body mounting. Turn signal side indicator lamps for body mounting.

CAB EXTERIOR

- All steel cab, manual tilt to 45°. Cation electro deposition primer. Torsion bar counter balanced.
- Heavy duty bumper bar with four rectangular halogen headlamps inset.
- Access to engine fluid checks without tilting cab.
- Combination turn signal and park lamps.
- West Coast type rear view mirrors with clearance lamps.
- Laminated windshield, 2 speed wiper with intermittent mode and washers.

- Front and rear quarter vent windows.
- Corrosion resistant non slip cab entry steps.
- Tool kit with 7,000 kg capacity jack.

CAB INTERIOR

- Fully trimmed cab interior with cloth seat facings, formed roof lining and overhead parcel shelf with driver and passenger sun visors.
- ISRI 5000 driver's seat with mechanical suspension, adjustment for seat back recline, seat slide and height control.
- Outboard passenger seat, folding centre seat back with lockable compartment and snack tray.
- Outboard lap/sash seat belts with emergency locking retractor, inboard lap seat belt.
- Tilt telescopic adjustable steering column soft feel urethane steering wheel.
- Easy entry grab handles on 'A' and 'B' pillars.
- Heater demister with 4 speed fan, 4 outlet vents to screen, 5 fascia outlets, 5 foot outlets.
- AM/FM radio with digital clock, dash mounted.

INSTRUMENTATION

- Speedometer, odometer and tachometer.
- Gauges for coolant temperature, fuel level and brake air pressure.
- Dash illumination control.

INDICATOR LAMPS

- Turn signals, parking brake on, high beam on exhaust brake engaged, brake fluid level.

WARNING LAMPS

- With warning bulb checking switch
- Battery charge, oil filter clogged, oil pressure, low air pressure, brake system, air cleaner clogged, stop and tail lamp failure.

SWITCHES

- Left side combination switch for exhaust brake, wipers and washers.
- Hazard lamp switch.
- Right side combination switch for headlamps, turn signals and headlamp dip.
- Key operation for engine stop and start, external engine crank switch for service when cab is tilted.
- 24 Volt 2 pin accessory plug on centre fascia panel.
- Three way switch for interior lamp activated by driver and passenger doors.